

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of : Takuro SEKIYA  
Serial No. : [Rule 1.53(b) Contin. of 10/175,181] Group Art Unit: 2853  
Date Filed : Concurrently Herewith Examiner: Julian D. Huffman  
For : INK-JET RECORDING DEVICE AND COPIER

1185 Avenue of the Americas  
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**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being submitted concurrently with the above-identified application, pursuant to the applicant's duty of disclosure, in order to bring the information listed in the attached Form PTO-1449 to the attention of the Examiner.

The subject application is a Rule 1.53(b) continuation of Serial No. 10/175,181 filed June 19, 2002. Copies of the references listed on the attached Form PTO-1449 have previously been submitted to, or cited by, the U.S. Patent and Trademark Office in prior application U.S. Serial No. 10/175,181. The subject application relies upon said prior application for an earlier filing date under 35 U.S.C. §120. Accordingly, in compliance with 37 C.F.R. §1.98(d) copies of the references are not being supplied herewith. Rather, the Examiner's attention is respectfully directed to the prior application, U.S. Serial No. 10/175,181, for copies of the references.

It is respectfully requested that the information cited in the attached Form PTO-1449 be considered by the Examiner in connection with the above-identified patent application, and that

Application of: Takuro SEKIYA  
Serial No.: [Rule 1.53(b) continuation of S.N. 10/175,181]  
Filed: Herewith  
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such art be made of record in said application.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that these items are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of the particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

The Office is hereby authorized to charge any additional fees which may be required for consideration of this Information Disclosure Statement and to credit any overpayment to our Deposit Account No. 03-3125.

Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



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|---|----|--|------------------------|---|-------|------------------------------------|----------------------------|
| <b>Form PTO-1449</b>  |    | <b>U.S. Department of Commerce<br/>Patent and Trademark Office</b> |                        | Atty. Docket No.<br><b>2271/67583-A</b> |       | Serial No.<br><b>Not Yet Known</b> |                            |
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)   |    |  |                        | Applicant:<br><b>Takuro SEKIYA</b>      |       |                                    |                            |
|   |    |  |                        | Filing Date:<br><b>Herewith</b>         |       | Group Art Unit:                    |                            |
|   |    |  |                        |   |       |                                    |                            |
| <b>U.S. PATENT DOCUMENTS</b>  |    |  |                        |   |       |                                    |                            |
| Examiner Initial  |    | Document Number  | Date                   | Name                                    | Class | Subclass                           | Filing Date if Appropriate |
|   |    | 5 0 4 1 8 4 6  | 8-1991                 | Vincent et al.                          |       |                                    |                            |
|   |    | 5 2 9 3 1 8 2  | 3-8-1994               | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 3 8 9 9 6 2  | 2-14-1995              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 4 1 2 4 1 3  | 5-2-1995               | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 4 2 0 6 1 8  | 5-30-1995              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 6 1 0 6 3 7  | 3-11-1997              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 6 5 7 0 6 0  | 8-12-1997              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 7 2 9 2 5 7  | 3-17-1998              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 7 5 4 2 0 2  | 5-19-1998              | Sekiya et al.                           |       |                                    |                            |
|   |    | 5 8 6 4 3 5 2  | 1-1999                 | Aoki et al.                             |       |                                    |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |  |                        |   |       |                                    |                            |
|   |    | Document Number  | Date                   | Country                                 | Class | Subclass                           | Translation                |
|   |    |  |                        |   |       |                                    | Yes No                     |
|   | JP | 62-1 4 4 9 5 4   | 6-29-1987              | Japan                                   |       |                                    | Abstract                   |
|   | JP | 2- 1 5 1 4 4 4   | 6-11-1990              | Japan                                   |       |                                    | Japan                      |
|   | JP | 2- 1 7 9 7 7 1   | 7-12-1990              | Japan                                   |       |                                    | Japan                      |
|   | JP | 3- 1 6 9 6 4 4   | 7-23-1991              | Japan                                   |       |                                    | Japan                      |
|   | JP | 1 0- 6 4 8 8   | 1-13-1998              | Japan                                   |       |                                    | Japan                      |
|   | JP | 11-2 7 7 7 2 2   | 10-12-1999             | Japan                                   |       |                                    | Japan                      |
|   | JP | 20 00-2 72 1 0 4   | 10-3-2000              | Japan                                   |       |                                    | Japan                      |
|   | JP | 20 01-4 7 6 3 0  | 2-20-2001              | Japan                                   |       |                                    | Japan                      |
|   | JP | 20 02-1 20 1 6 3   | 2-13-2002              | Japan                                   |       |                                    | Japan                      |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |    |  |                        |   |       |                                    |                            |
|   |    | U.S. Application No. 08/162,650 filed December 6, 1993.            |                        |   |       |                                    |                            |
|   |    | U.S. Application No. 08/574,904 filed on October 25, 1995.         |                        |   |       |                                    |                            |
|   |    | U.S. Application No. 09/705,137 filed on November 2, 2000.         |                        |   |       |                                    |                            |
|   |    | U.S. Application No. 09/793,249 filed on February 26, 2001.        |                        |   |       |                                    |                            |
| <b>EXAMINER</b>   |    |  | <b>DATE CONSIDERED</b> |   |       |                                    |                            |
| <b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |                        |   |       |                                    |                            |

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| Form PTO-1449  |  |   |  |  |  |  |  | U.S. Department of Commerce<br>Patent and Trademark Office |  |                 |  |               |  | Atty. Docket No.<br>2271/67583-A |  |          |  | Serial No.<br>Not Yet Known        |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
| INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary)   |  |   |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  | Applicant:<br><b>Takuro SEKIYA</b> |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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| U.S. PATENT DOCUMENTS  |  |   |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
| Examiner Initial   |  | Document Number   |  |  |  |  |  |  |  | Date            |  | Name          |  | Class                            |  | Subclass |  | Filing Date if Appropriate         |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 5 8 7 7 7 8 6   |  |  |  |  |  |  |  | 3-2-1999        |  | Sekiya et al. |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 0 3 9 4 2 5   |  |  |  |  |  |  |  | 3-21-2000       |  | Sekiya et al. |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 1 4 7 7 7 7   |  |  |  |  |  |  |  | 11-2000         |  | Jung          |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 1 9 3 3 4 8   |  |  |  |  |  |  |  | 2-27-2001       |  | Sekiya et al. |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 2 2 7 6 3 9   |  |  |  |  |  |  |  | 5-8-2001        |  | Sekiya et al. |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 3 3 8 5 4 5   |  |  |  |  |  |  |  | 1-15-2002       |  | Sekiya        |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | 6 5 0 2 9 2 2   |  |  |  |  |  |  |  | 1-2003          |  | Kawase et al. |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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| FOREIGN PATENT DOCUMENTS   |  |   |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | Document Number   |  |  |  |  |  |  |  | Date            |  | Country       |  | Class                            |  | Subclass |  | Translation                        |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)   |  |   |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
|  |  | U.S. Application No. 09/995,977 filed on November 16, 2001. |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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|  |  | U.S. Application No. 09/998,928 filed on November 19, 2001. |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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|  |  | U.S. Application No. 10/085,204 filed on February 26, 2002. |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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|  |  | U.S. Application No. 10/135,000 filed April 29, 2002.       |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
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| EXAMINER   |  |   |  |  |  |  |  |  |  | DATE CONSIDERED |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |   |  |  |  |  |  |  |  |                 |  |               |  |                                  |  |          |  |                                    |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |